

Name: \_\_\_\_\_

## ET\_1021 version 14

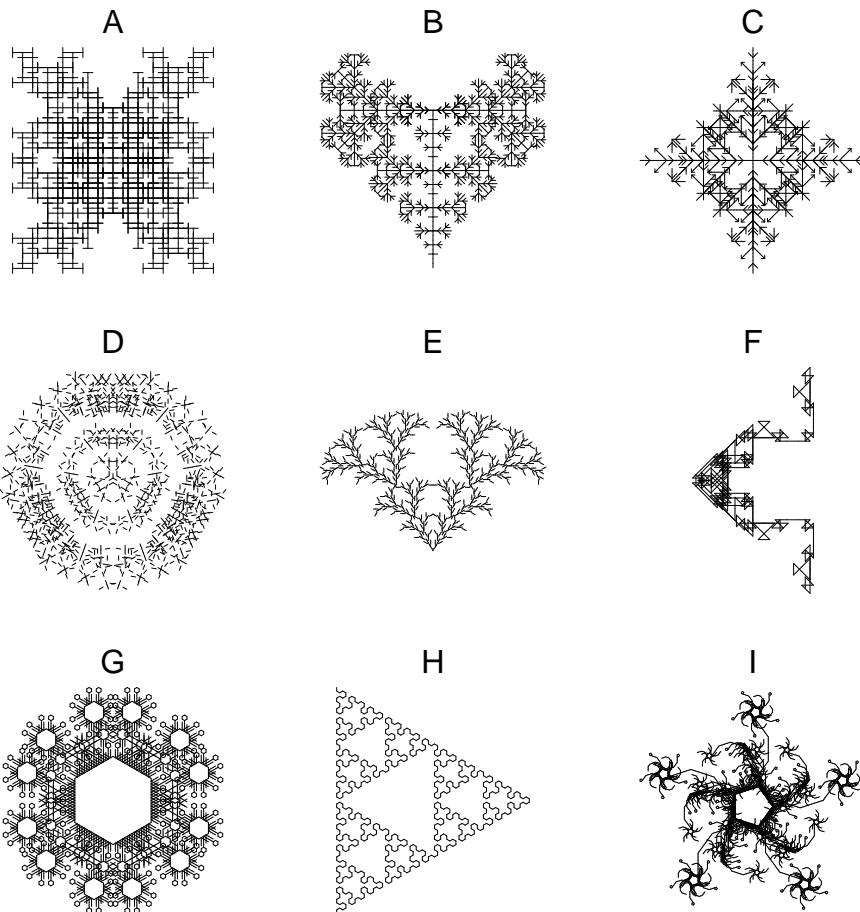
Consider the L-system (and angle) defined below:

- Start: A
- Rules:  
 $A > B-ABA-B$   
 $B > A+B+A$

- Number of recursions (number of iterations): 4
- Angle:  $135^\circ$

Use the following sites to generate the pattern:

- [https://chadworley.github.io/Lsys\\_string\\_gen.html](https://chadworley.github.io/Lsys_string_gen.html)
- <https://scratch.mit.edu/projects/1225522722/editor/>



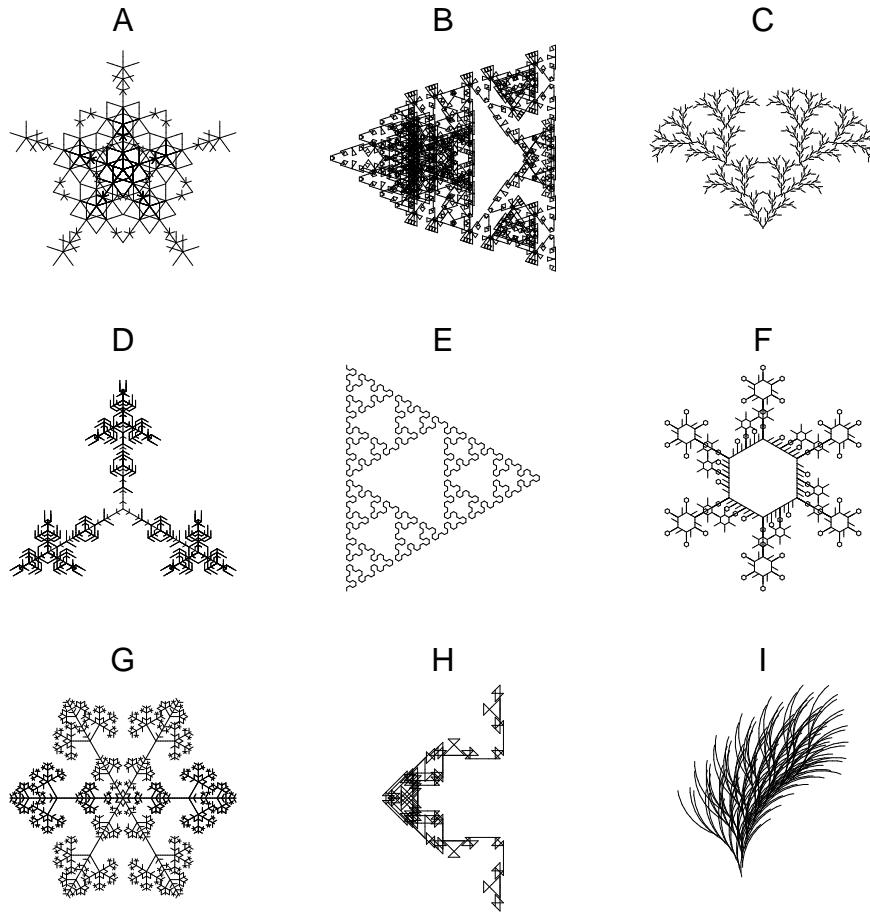
Which pattern is created?

Consider the *L*-system (and angle) defined below:

- Start: A
- Rules:
  - A > B-A-B
  - B > A+B+A
- Number of recursions (number of iterations): 6
- Angle: 60°

Use the following sites to generate the pattern:

- [https://chadworley.github.io/Lsys\\_string\\_gen.html](https://chadworley.github.io/Lsys_string_gen.html)
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?